

Certificate Number: AZ 69025304

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV025304E

This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 has examined for compliance with certification standards, the electrical equipment described hereunder and authorises the certificate holder to affix the above mentioned mark to products of the same type; or the Regulatory Compliance Mark (RCM) provided that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled

CERTIFICATE HOLDER:

Ginlong technologies Co., Ltd.
No.57 Jintong Road, Binhai,
(seafront), Industrial Park,
Xiangshan Ningbo
315712 Zhejiang
P.R. China

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Grid-connected PV Inverter

Trade Name / Manufacturer:

Solis

Model Number:

Solis-3P5K-4G-AU , Solis-3P5K-4G-AU-MX , Solis-3P6K-4G-AU ,
Solis-3P8K-4G-AU , Solis-3P9K-4G-AU , Solis-3P10K-4G-AU ,
Solis-3P12K-4G , Solis-3P15K-4G , Solis-3P17K-4G ,
Solis-3P20K-4G , S5-GR3P5K-AU , S5-GR3P6K-AU ,
S5-GR3P8K-AU , S5-GR3P9K-AU , S5-GR3P10K-AU ,
Further Model numbers refer to CONTINUATION SHEET 1

Ratings:

Rating details refer CONTINUATION SHEET 1-8

Standard:

AS/NZS 4777.2:2020
IEC 62109-2:2011
IEC 62109-1:2010

Issue Date:

23/07/2021

Expiry Date:

23/07/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Model Number: S5-GR3P12K , S5-GR3P13K , S5-GR3P15K ,
S5-GR3P17K , S5-GR3P20K .

Ratings: For models:

Solis-3P5K-4G-AU; Solis-3P6K-4G-AU; Solis-3P8K-4G-AU

PV input:

Vmax: 1000 Vdc; Vmpp: 160-850Vdc;

Isc: 30/15A; 30/15A; 30/30A;

Imax: 22/11A; 22/11A; 22/22A;

Output:

Rated output voltage: 3/N/PE, 230/400V;

Rated output frequency: 50Hz; Power factor: -0.8, 0.8;

Rated output power: 5000VA; 6000VA; 8000VA

Maximum output power: 5500W; 6600W; 8800W;

Maximum output (Rated) current: 7.9A; 9.5A; 12.7A;

Environment:

Overvoltage category: II for PV, III for grid;

Protective class: I;

Enclosure protection (IP): IP65;

Operating temperature range: -25 to +60 °C;

Pollution degree: PD 2;

Issue Date: 23/07/2021

Expiry Date: 23/07/2026

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models:

Solis-3P9K-4G-AU; Solis-3P10K-4G-AU; Solis-3P5K-4G-AU-MX

PV input:

Vmax: 1000 Vdc;

Vmpp: 160-850Vdc;

Isc: 30/30A; 30/30A; 30/15A;

Imax: 22/22A; 22/22A; 22/11A;

Output:

Rated output voltage: 3/N/PE, 230/400V;

Rated output frequency: 50Hz;

Power factor: -0.8, 0.8;

Rated output power: 9000VA; 10000VA; 4999VA;

Maximum output power: 9900W; 11000W; 4999W;

Maximum output (Rated) current: 14.3A ; 15.9A; 7.9A;

Environment:

Overvoltage category: II for PV, III for grid;

Enclosure protection (IP): IP65;

Protective class: I;

Operating temperature range: -25 to +60 °C;

Issue Date: 23/07/2021

Expiry Date: 23/07/2026

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings:

For models:

Solis-3P12K-4G; Solis-3P15K-4G

PV input:

V_{max}: 1000 Vdc;

V_{mpp}: 160-850Vdc;

I_{sc}: 30/30A; 30/30A;

I_{max}: 22/22A; 22/22A;

Output:

Rated output voltage: 3/N/PE, 230/400V;

Rated output frequency: 50Hz;

Power factor: -0.8, 0.8;

Rated output power: 12000VA; 15000VA;

Maximum output power: 13200W; 16500W;

Maximum output (Rated) current: 19.1A; 23.8A;

Environment:

Overvoltage category: II for PV, III for grid;

Protective class: I;

Enclosure protection (IP): IP65;

Operating temperature range: -25 to +60 °C;

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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

Ratings:

For models:

Solis-3P17K-4G; Solis-3P20K-4G

PV input:

Vmax: 1000 Vdc;

Vmpp: 160-850Vdc;

Isc: 30/30A; 30/30A;

Imax: 22/22A; 22/22A;

Output:

Rated output voltage: 3/N/PE, 230/400V;

Rated output frequency: 50Hz;

Power factor: -0.8, 0.8;

Rated output power: 17000VA; 20000VA;

Maximum output power: 18700W; 20000W;

Maximum output (Rated) current: 27A; 31.8A;

Environment:

Overvoltage category: II for PV, III for grid;

Protective class: I;

Enclosure protection (IP): IP65;

Operating temperature range: -25 to +60 °C;

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CONTINUATION SHEET 5

DESCRIPTION OF EQUIPMENT

Ratings:

For models:

S5-GR3P5K-AU; S5-GR3P6K-AU; S5-GR3P8K-AU

PV input:

Vmax: 1100 Vdc;

Vmpp: 160-1000Vdc;

Isc: 50/25A; 50/25A; 50/50A;

Imax: 32/16A; 32/16A; 32/32A;

Output:

Rated output voltage: 3/N/PE, 230/400V;

Rated output frequency: 50Hz;

Power factor: -0.8, 0.8;

Rated output power: 5000VA; 6000VA; 8000VA;

Maximum output power: 5000W; 6000W; 8000W;

Maximum output (Rated) current: 7.9A; 9.5A; 12.7A;

Environment:

Overvoltage category: II for PV, III for grid;

Protective class: I;

Enclosure protection (IP): IP66;

Operating temperature range: -25 to +60 °C;

Issue Date: 23/07/2021

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CONTINUATION SHEET 6

DESCRIPTION OF EQUIPMENT

Ratings:

For models:

S5-GR3P9K-AU; S5-GR3P10K-AU; S5-GR3P12K

PV input:

Vmax: 1100 Vdc;

Vmpp: 160-1000Vdc;

Isc: 50/50A; 50/50A; 50/50A;

Imax: 32/32A; 32/32A; 32/32A;

Output:

Rated output voltage: 3/N/PE, 230/400V;

Rated output frequency: 50Hz;

Power factor: -0.8, 0.8;

Rated output power: 9000VA; 10000VA; 12000VA;

Maximum output power: 9000W; 10000W; 12000W;

Maximum output (Rated) current: 14.3A; 15.9A; 19.1A;

Environment:

Overvoltage category: II for PV, III for grid;

Protective class: I;

Enclosure protection (IP): IP66;

Operating temperature range: -25 to +60 °C;

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CONTINUATION SHEET 7

DESCRIPTION OF EQUIPMENT

Ratings:

For models:

S5-GR3P13K; S5-GR3P15K

PV input:

Vmax: 1100 Vdc;

Vmpp: 160-1000Vdc;

Isc: 50/50A; 50/50A;

Imax: 32/32A; 32/32A;

Output:

Rated output voltage: 3/N/PE, 230/400V;

Rated output frequency: 50Hz;

Power factor: -0.8, 0.8;

Rated output power: 13000VA; 15000VA;

Maximum output power: 13000W; 15000W;

Maximum output (Rated) current: 20.7A; 23.8A;

Environment:

Overvoltage category: II for PV, III for grid;

Protective class: I;

Enclosure protection (IP): IP66;

Operating temperature range: -25 to +60 °C;

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CONTINUATION SHEET 8

DESCRIPTION OF EQUIPMENT

Ratings:

For models:

S5-GR3P17K; S5-GR3P20K

PV input:

Vmax: 1100 Vdc;

Vmpp: 160-1000Vdc;

Isc: 50/50A; 50/50A;

Imax: 32/32A; 32/32A;

Output:

Rated output voltage: 3/N/PE, 230/400V;

Rated output frequency: 50Hz;

Power factor: -0.8, 0.8;

Rated output power: 17000VA; 20000VA;

Maximum output power: 17000W; 20000W;

Maximum output (Rated) current: 27A; 31.8A;

Environment:

Overvoltage category: II for PV, III for grid;

Protective class: I;

Enclosure protection (IP): IP66;

Operating temperature range: -25 to +60 °C;

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